

System for Molding Corrugated Pipe

ABSTRACT OF THE DISCLOSURE

Carriage assembly mounted molds are paired along a production system axis at a receiving region. Each carriage assembly is configured with an axially inwardly depending threaded connector nut configured to engage a translational screw moving the mold sets in registry about an extrusion die to establish a dynamic forming tunnel. Each mold of a mold set is configured having an internal mold cavity with mold crests spaced apart to define a sequence of vacuum support regions. A sequence of annular insert components are positioned over the vacuum support regions to form mold cavities and to define vacuum cavities.